

QUALITY ASSURANCE PROVISIONS (QAP) (CONTINUATION SHEET)

(PRODUCT ASSURANCE PAM 702-155)

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PART III - CERTIFICATION REQUIREMENTS

<u>NUMBER</u>	<u>CHARACTERISTIC</u>	<u>CERTIFICATION METHOD</u>
401	MATERIALS (ASTM B16 AND NOTE 4)	CERTIFIED MATERIAL REPORT
402	SILVER PLATING (QQ-S-365)	CERTIFIED PROCESS REPORT
403	BODY ANODIZING	CERTIFIED PROCESS REPORT
404	CADMIUM PLATING AND SALT SPRAY TESTING	CERTIFIED MATERIAL REPORT
405	SILICONE COMPOUND (SAE AS8660))	CERTIFIED MATERIAL REPORT
406	WATERPROOFNESS (MIL-HDBK-1184)	CERTIFICATE OF CONFORMANCE

PART IV - TEST METHODS AND PROCEDURES

1. **RESISTANCE TEST.** WITH LAMP REMOVED, APPLY 500 ± 50 VDC ACROSS TERMINALS "A" AND "B", TERMINAL "A" AND LIGHT BODY, AND TERMINAL "B" AND LIGHT BODY. THE MINIMUM RESISTANCE SHALL BE ONE MILLION OHMS.

NOTE: LIGHT BODY SURFACE IN AREA OF TEST PROBE CONNECTION SHALL BE CLEANED OF COATING MATERIAL..

2. **CURRENT TEST.** WITH THE LAMP INSTALLED AND 28 ± 0.1 VDC APPLIED, THE CURRENT BETWEEN TERMINALS "A" AND "B" SHALL BE $0.7 \pm 10\%$ AMPERES.

3. **FUNGUS RESISTANCE TEST.** THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM G21

4. **WATERPROONESS TEST.** THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF MIL-HDBK-1184, TYPE II, CLASS 1. THE UNIT SHALL SHOW NO EVIDENCE OF LEAKAGE, AND SHALL MECHANICALLY AND ELECTRICALLY OPERABLE DURING AND SUBSEQUENT TO SUBMERSION.

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